(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 6 May 2004 (06.05.2004)

PCT

(10) International Publication Number WO 2004/038098 A1

(51) International Patent Classification7:

D21G 3/00

(21) International Application Number:

PCT/FI2003/000782

(22) International Filing Date: 21 October 2003 (21.10.2003)

(25) Filing Language:

Finnish

(26) Publication Language:

English

(30) Priority Data: 20021884

22 October 2002 (22.10.2002)

(71) Applicant (for all designated States except US): PIKOBLADE OY [FI/FI]; Ollinmäentie 43, FIN-86110 Parhalahti (FI).

(72) Inventor; and

(75) Inventor/Applicant (for US only): KORPIOLA, Karl [FI/FI]; Kumianpää 2, FIN-00840 Helsinki (FI).

(74) Agent: HEINÄNEN OY; Annankatu 31-33 C, FIN-00100 Helsinki (FI).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

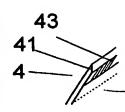
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR MAKING A WEAR RESISTANT PLATING ON A COATING BLADE OR THE



(57) Abstract: A method and apparatus for making a wear resistant coating on a treatment blade (4), such as a coating, doctor or creping blade, designed for the treatment of a paper web, in which method the area to be coated is subjected to a preliminary treatment before the coating process to improve the adhesion of the coating material. The adhersion surface (43) of the coating is roughened so that the roughening traces are perpendicular to the longitudinal direction of the coating blade.

